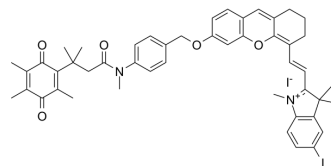


ICy-Q

Cat. No.:	HY-150971
CAS No.:	2863682-83-9
Molecular Formula:	C ₄₈ H ₅₀ I ₂ N ₂ O ₅
Molecular Weight:	988.73
Target:	Pyroptosis
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ICy-Q is a quinone oxidoreductase 1 (NQO-1)-activated near-infrared (NIR) reagent which can react with NQO-1 to release the reduction product ICy-OH. ICy-OH selectively induces pancreatic cancer cell death through the pyroptosis pathway. ICy-Q can be used as an effective tool for rapid and accurate diagnosis of intraoperative pathological sections^[1].

REFERENCES

[1]. Bo Peng, et al. NQO-1 Enzyme-Activated NIR Theranostic Agent for Pancreatic Cancer. *Anal Chem.* 2022 Aug 2.

Caution: Product has not been fully validated for medical applications. For research use only.

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